

Response of RJ Lee Group

to the

United States Environmental Protection Agency Region IX
Response (dated April 20, 2006) to the November 2005
National Stone, Sand & Gravel Association Report
Prepared by the R.J. Lee Group, Inc [sic]
"Evaluation of EPA's Analytical Data from the
El Dorado Hills Asbestos Evaluation Project"

Regarding
Evaluation of EPA's Analytical Data
from the El Dorado Hills
Asbestos Evaluation Project

Exhibit A
Attachment A-3a
Lab/Cor Photographs of Particles

Date: July 2006

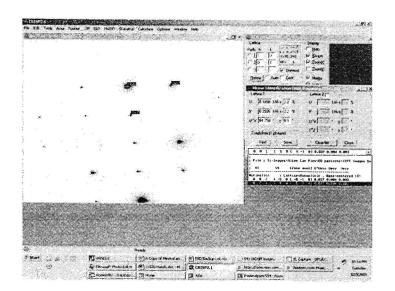
Prepared by: **RJ Lee** *Group*, Inc.
350 Hochberg Rd.

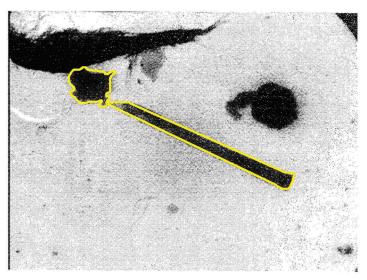
Monroeville, PA 15146

www.rjlg.com

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ACTINOLITE - Zone Axis [5 -1 0] Neg# J1572 Job# 041210-46 JEOL 1200EX - Gatan Image





2000 Live Time: 42.45 Seconds Real Time: 48.8 Seconds 1800 - 1600 - 1400 - 1200 - 100

Title: 041210-46 SP 1206 Time: 9:53:59 PM Date: Tue, Mar 29 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041210-46 SP 1206 Tue, Mar 29 2005

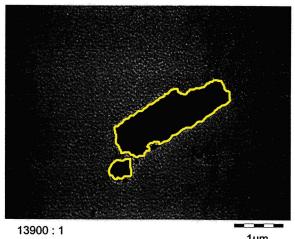
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 206.00 Correction: CLIFF LORIMER, Cycles: 1

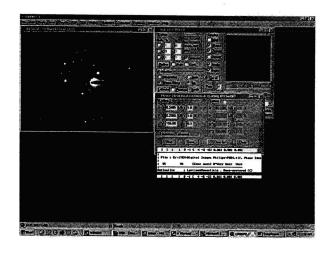
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------------|---|--|---|--|---|
| Na Mg Al Si Ca Fe | 0.42 9.65 0.19 21.63 4.66 2.17 | Na20 Mg0 Al203 Si02 Ca0 Fe203 | 0.61 18.12 0.44 60.58 12.19 8.06 | 0.30 0.63 0.20 1.45 0.72 0.87 | 0.61 18.12 0.44 60.58 12.19 8.06 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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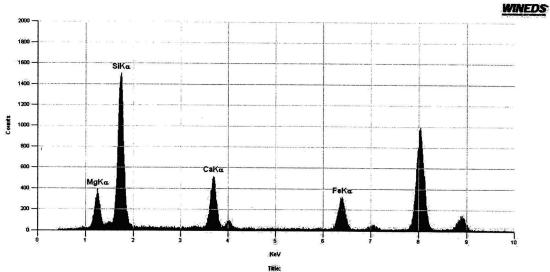
Actinolite

Neg#[254]; [Job# 041210-47] [3-31-05] iTEM Image Zone Axis [-2 -1 1]





1μm



Quantitative Analysis Results - Standardless Analysis : 041210-47 EDS# 15957 Thu, Mar 31 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 11.14

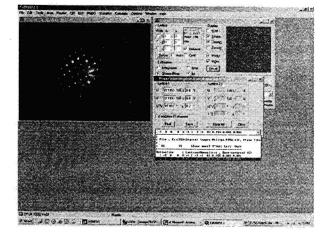
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 8.44 | MgO | 15.53 | 0.95 | 15.53 |
| Si | 21.43 | SiO2 | 58.76 | 1.64 | 58.76 |
| Ca | 4.91 | CaO | 12.57 | 0.64 | 12.57 |
| Fe | 3.60 | Fe203 | 13.13 | 0.96 | 13.13 |
| <total></total> | 100.00 | | 100.00 | | 100 00 |

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ACTINOLITE

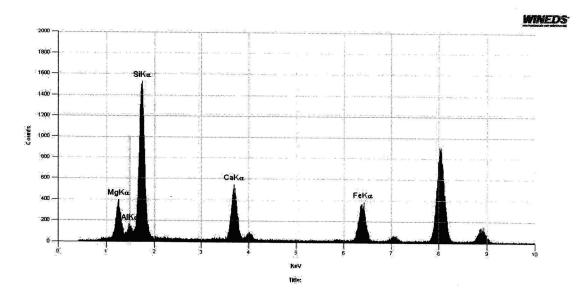
Neg#[256]; [Job# 041210-47] [3-31-05] iTEM Image Zone Axis [3 -1 0]





5650:1

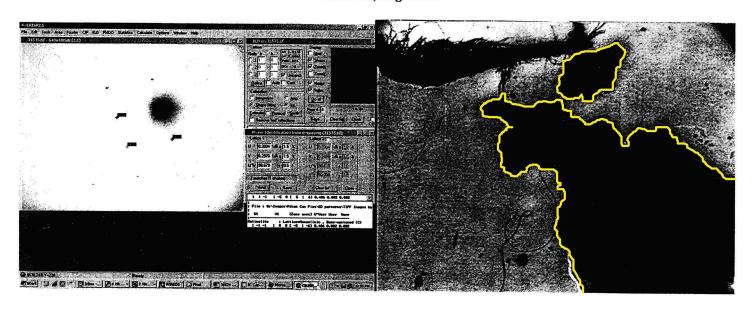
2µm

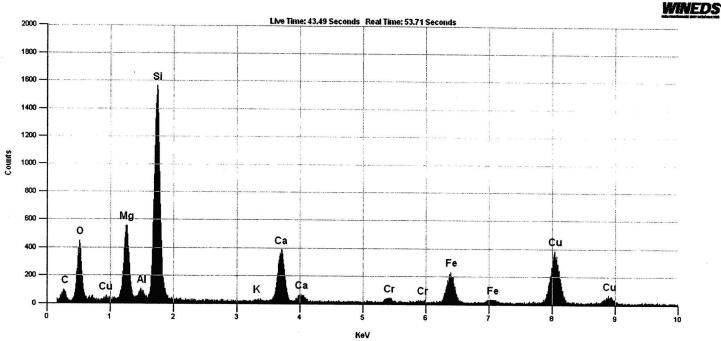


Quantitative Analysis Results - Standardless Analysis : 041210-47 EDS#15959 EDS Spectrum Thu, Mar 31 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 6.63

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|--------------------------------------|--|--------------------------------------|--|
| Mg Al Si Ca Fe | 8.40 0.59 20.98 4.55 3.87 | MgO Al203 SiO2 CaO Fe2O3 | 15.43 1.37 57.47 11.64 14.08 | 0.78 0.20 1.32 0.55 0.89 | 15.43 1.37 57.47 11.64 14.08 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [5 1 6] Zone Axis 041210-59, Neg#J1575





Title: 041210-59-SP1209 Time: 6:23:29 PM Date: Thu, Mar 31 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

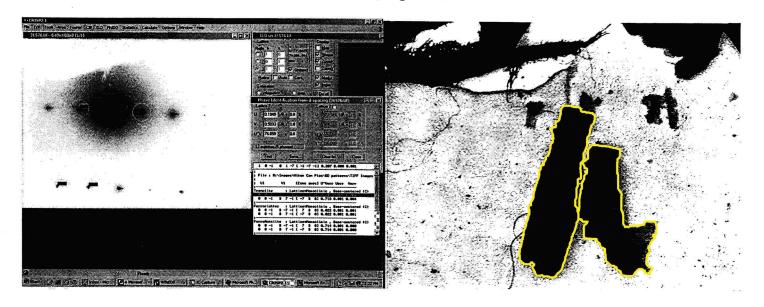
Quantitative Analysis Results - Standardless Analysis : 041210-59-SP1209 Thu, Mar 31 2005

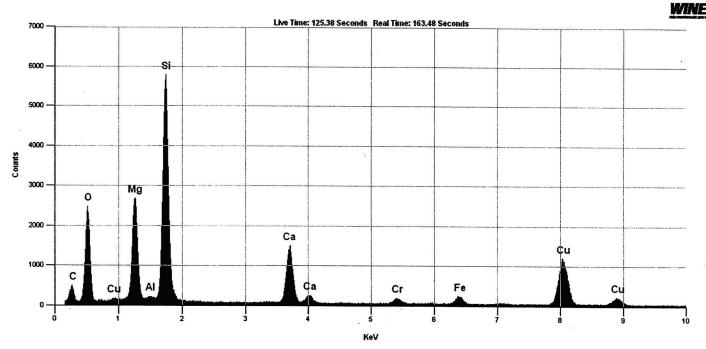
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 139.66

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 8.15 | MgO | 15.13 | 0.45 | 15.13 |
| Al | 0.35 | Al203 | 0.83 | 0.16 | 0.83 |
| Si | 21.87 | SiO2 | 60.51 | 1.13 | 60.51 |
| K | 0.12 | K20 | 0.25 | 0.14 | 0.25 |
| Ca | 4.87 | Ca0 | 12.56 | 0.56 | 12.56 |
| Fe | 2.92 | Fe203 | 10.72 | 0.74 | 10.72 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

TREMOLITE [7 3 0] Zone Axis 041210-59, Neg#J1576





Title: 041210-59-SP1210 Time: 12:36:40 PM Date: Fri, Apr 01 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

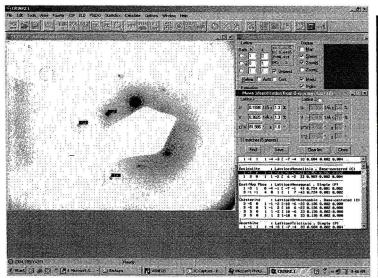
Quantitative Analysis Results - Standardless Analysis : 041210-59-SP1210 Fri, Apr 01 2005

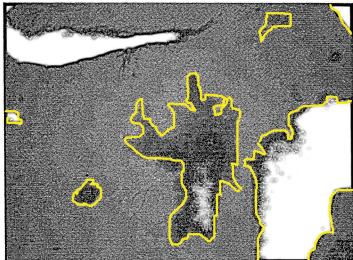
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 254.32

Correction: CLIFF LORIMER, Cycles: 1

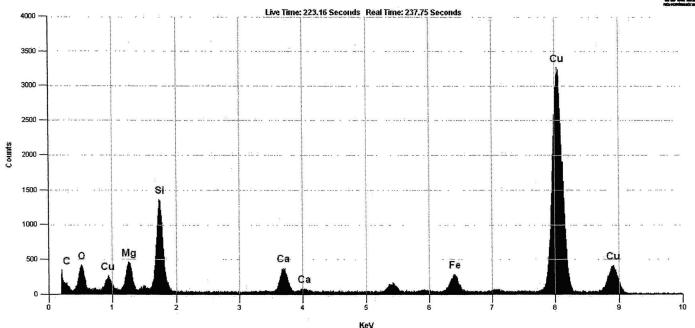
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|----------------|--------------|----------------|----------------------|------------------------|
| Mg Si | 11.49 21.71 | MgO SiO2 | 21.96 61.86 | 0.29 | 21.96 |
| Ca Fe | 5.03 | CaO Fe2O3 | 13.38 | 0.61 0.31 0.24 | 61.86 13.38 2.81 |
| <total></total> | 100.00 | 10203 | 100.00 | 0.24 | 100.00 |

Actinolite Sample 041188-109 Neg #J1337 [3 1 1]





WINEDS



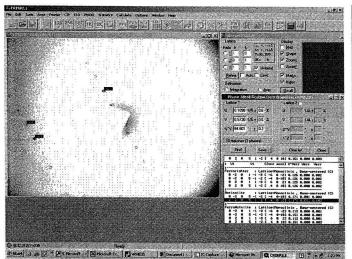
Title: 041188-109-998 Time: 9:11:16 AM Date: Wed, Jan 26 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

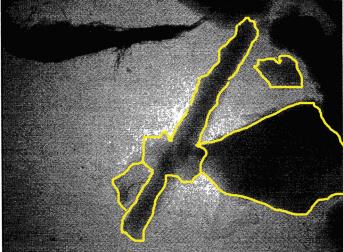
Quantitative Analysis Results - Standardless Analysis : 041188--109--998 Wed, Jan 26 2005 EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 95.08

Correction: CLIFF LORIMER, Cycles: 1

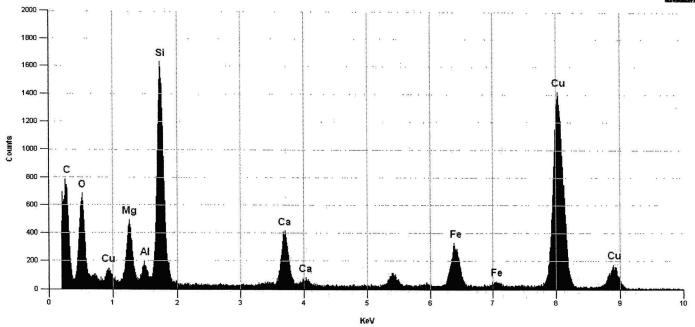
Element Atoms% Compound Weight% Error(±) Norm% 7.72 MgO 14.09 0.49 14.09 Mg 1.09 58.32 21.43 SiO2 58.32 Si 4.84 CaO 12.29 0.52 12.29 Ca 4.23 Fe203 15.30 0.87 15.30 Fe <Total> 100.00 100.00 100.00

Actinolite Sample 041188-114 Neg #J1332 [2 0 5] Zone Axis





WINEDS



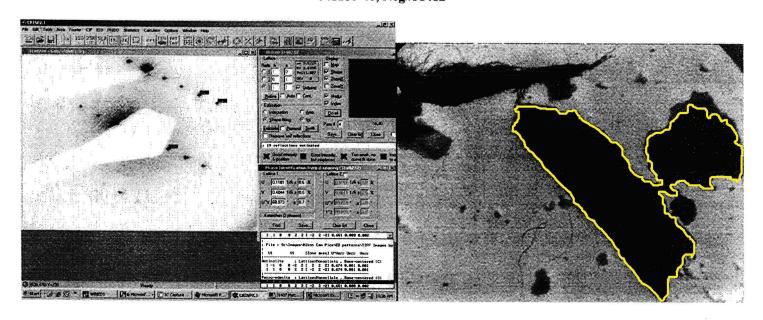
Title: 041188-114-995 Time: 12:52:37 PM Date: Tue, Jan 25 2005

Quantitative Analysis Results - Standardless Analysis: 041188-114-995 Tue, Jan 25 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 243.34 Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|--------------------------------------|--|--------------------------------------|--|
| Mg Al Si Ca Fe | 7.14 1.00 20.81 4.88 4.41 | MgO Al203 SiO2 CaO Fe203 | 13.00 2.31 56.44 12.36 15.90 | 0.39 0.18 0.93 0.46 0.79 | 13.00 2.31 56.44 12.36 15.90 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

FERRO-EDENITE [1 1 1] 041188-40, Neg#J1482



5000 - Live Time: 175.95 Seconds Real Time: 246.33 Seconds 5000 - Cu 4000 - Real Time: 246.33 Seconds Cu Na Na KCa Ti Cr Mn KeV

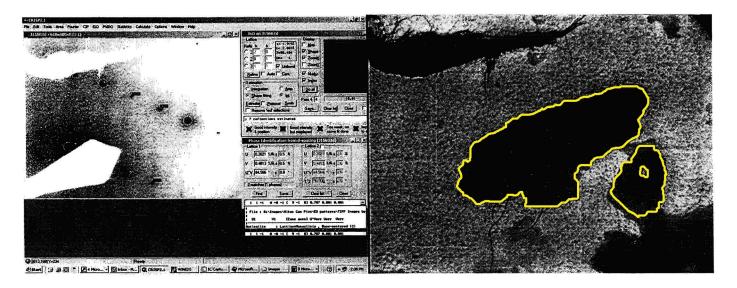
Title: 041188-40 SP 15862 Time: 10:48:36 PM Date: Thu, Mar 03 2005 Accelerating Voltage: 100 KV Take Off Angle: 38 Degrees

Quantitative Analysis Results - Standardless Analysis :
 Spectrum1 041188-40 SP 15862 Thu, Mar 03 2005

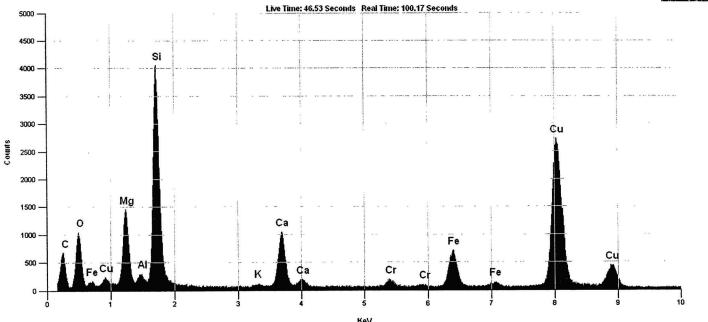
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 4.65
 Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 3.65 | MgO | 6.29 | 0.24 | 6.29 |
| Al | 1.67 | A1203 | 3.64 | 0.11 | 3.64 |
| Si | 18.93 | SiO2 | 48.56 | 0.57 | 48.56 |
| K | 1.43 | K20 | 2.87 | 0.15 | 2.87 |
| Ca | 5.06 | CaO | 12.11 | 0.26 | 12.11 |
| Fe | 7.78 | Fe203 | 26.53 | 0.54 | 26.53 |
| <total></total> | 100.00 | | 100 00 | | 100 00 |

ACTINOLITE [9 1 8] 041188-47, Neg#J1560



WINEDS



Title: 041188.47-SP1194 Time: 2:11:20 PM Date: Wed, Mar 23 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041188-47-SP1194 Wed, Mar 23 2005

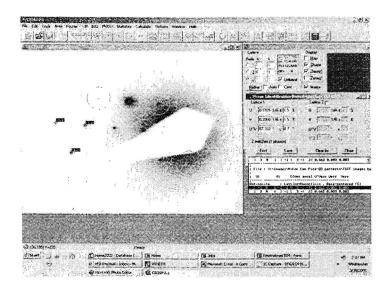
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 157.62

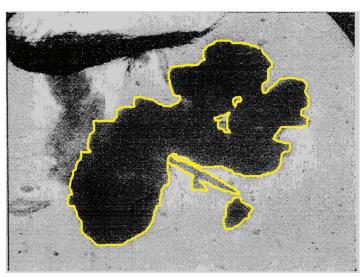
Correction: CLIFF LORIMER, Cycles: 1

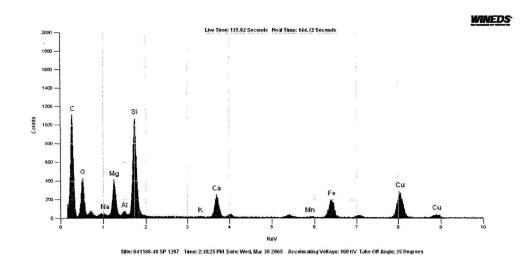
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|-----------------------|----------------------|------------------------|----------------------|------------------------|
| Mg Al Si | 7.44 0.47 21.12 | MgO Al203 Si02 | 13.58 1.08 57.45 | 0.34 0.12 0.82 | 13.58 1.08 57.45 |
| K | 0.19 | K20 | 0.41 | 0.11 | 0.41 |
| Ca | 5.31 | CaO | 13.49 | 0.42 | 13.49 |
| Fe | 3.87 | Fe203 | 13.99 | 0.60 | 13.99 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE - Zone Axis [5 1 6] Neg# J1573 Job# 041188-48 JEOL 1200EX - Gatan Image







Quantitative Analysis Results - Standardless Analysis: 041188-48 SP 1207 Wed, Mar 30 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 237.79

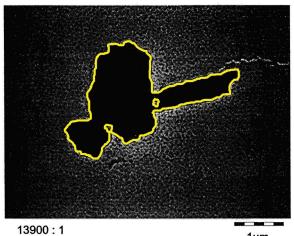
Correction: CLIFF LORIMER, Cycles: 1

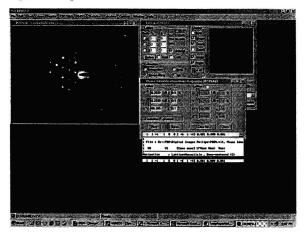
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|--|---|---|---|--|---|
| Na Mg Al Si. K Ca Fe | 0.38 8.20 0.36 21.19 0.11 4.36 3.86 | Na20 Mg0 Al203 Si02 K20 Ca0 Fe203 | 0.54 15.08 0.84 58.09 0.24 11.15 | 0.32 0.56 0.21 1.35 0.17 0.63 | 0.54 15.08 0.84 58.09 0.24 11.15 |
| re <total></total> | 100.00 | F e 2 O 3 | 100.00 | 1.03 | 100.00 |

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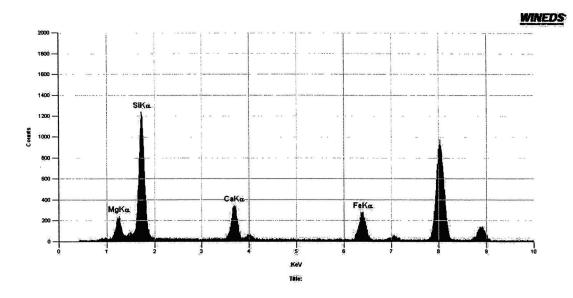
Actinolite

Neg#[259]; [Job# 041188-86] [4/1/05] iTEM Image Zone Axis [5 1 4]





1µm



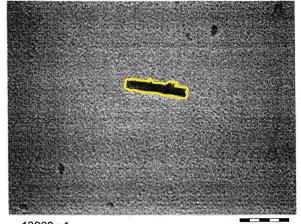
Quantitative Analysis Results - Standardless Analysis : 04188-86 EDS#15962 Fri, Apr 01 2005 EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 13.08

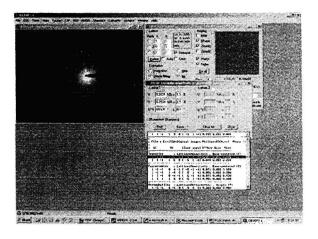
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 6.93 | MgO | 12.71 | 1.01 | 12.71 |
| Si | 22.42 | SiO2 | 61.35 | 1.91 | 61.35 |
| Ca | 4.35 | CaO | 11.11 | 0.70 | 11.11 |
| Fe | 4.08 | Fe203 | 14.83 | 1.17 | 14.83 |
| | | | | | |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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TREMOLITE

Neg#[260]; [Job# 041188-86] [4/1/05] iTEM Image Zone Axis [5 1 4]





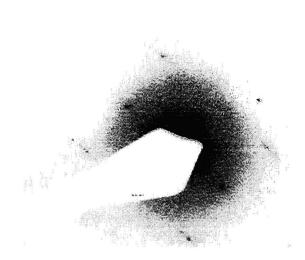
13900 : 1 1µm

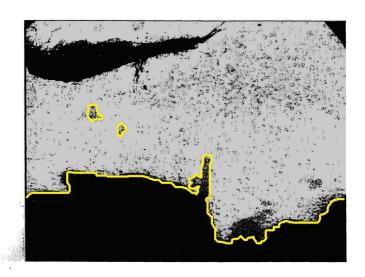
1600 — 16

Quantitative Analysis Results - Standardless Analysis : 041188-86 EDS# 15963 Fri, Apr 01 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 9.72

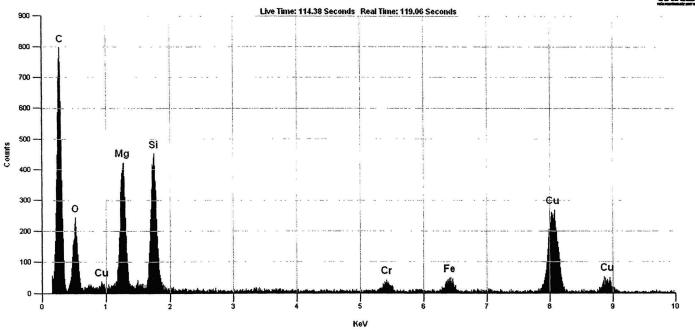
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------|-------------------------------|-----------------------------|---------------------------------|------------------------------|---------------------------------|
| Mg Si Ca Fe | 9.79 22.25 4.50 1.87 | MgO SiO2 CaO Fe2O3 | 18.51 62.68 11.83 6.99 | 1.19 1.89 0.71 0.82 | 18.51 62.68 11.83 6.99 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

CHRYSOTILE 041188-98, Neg#J1563





WINED:



Title: 041188-98-SP1198 Time: 3:51:00 PM Date: Tinu, Mar 24 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

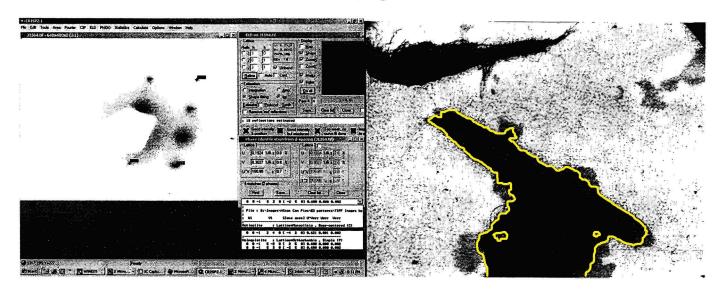
Quantitative Analysis Results - Standardless Analysis : 041188-98-SP1198 Thu, Mar 24 2005

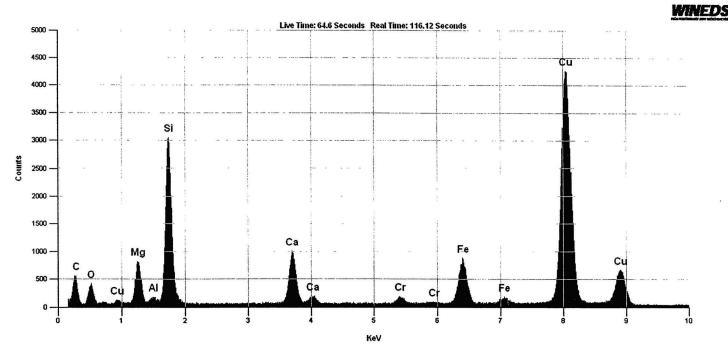
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 296.88

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 19.95 | MgO | 39.33 | 1.12 | 39.33 |
| Si | 19.00 | SiO2 | 55.84 | 1.59 | 55.84 |
| Fe | 1.24 | Fe203 | 4.83 | 0.73 | 4.83 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [2 1 0] Zone 041188-98, Neg#J1564





Title: 041188-98-SP1199 Time: 4:52:35 PM Date: Tinu, Mar 24 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

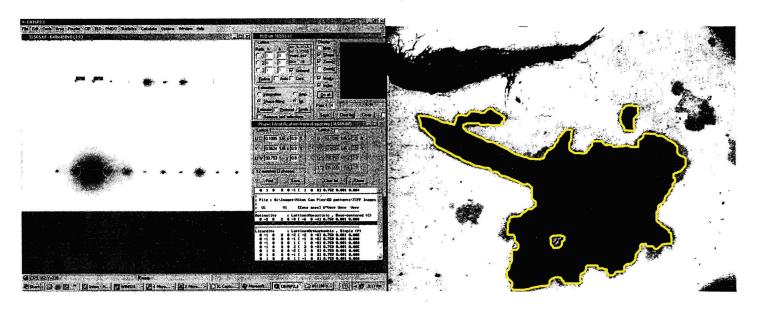
Quantitative Analysis Results - Standardless Analysis : 041188-98-SP1199 Thu, Mar 24 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 100.07

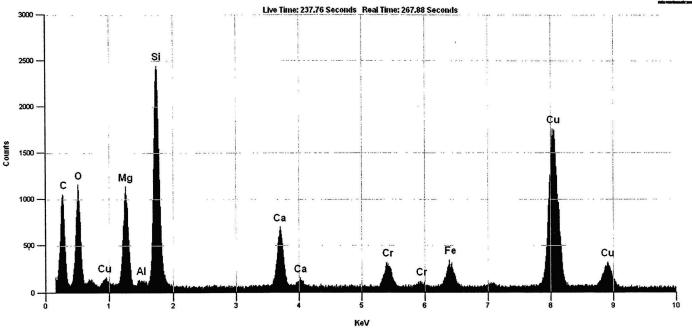
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|-------------------------------------|---|--------------------------------------|---|
| Na Mg Al Si Ca | 0.42 5.83 0.63 20.88 5.90 | Na20 Mg0 Al203 Si02 Ca0 | 0.58 10.50 1.43 56.03 14.78 | 0.13 0.22 0.10 0.59 0.33 | 0.58 10.50 1.43 56.03 14.78 |
| Fe | 4.68 | Fe203 | 16.68 | 0.49 | 16.68 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [3 0 2] Zone 041188-101, Neg#J1565



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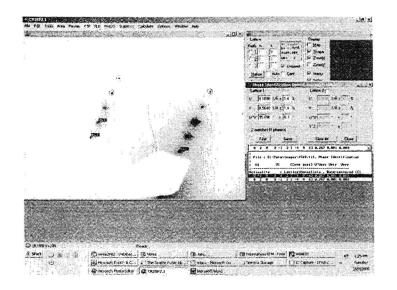


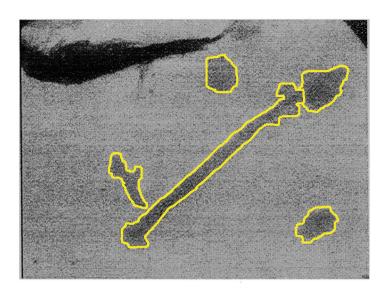
Title: 041188-101-SP1200 Time: 2:39:58 PM Date: Sat, Mar 26 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

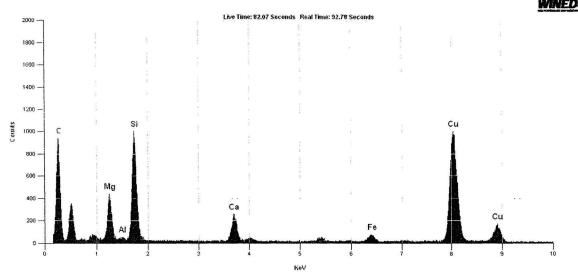
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% | |
|----------------------------|--|--------------------------------------|---|--------------------------------------|---|--|
| Mg Al Si Ca Fe | 10.44 0.08 21.17 5.15 2.04 | MgO Al2O3 SiO2 CaO Fe2O3 | 19.59 0.18 59.20 13.43 7.59 | 0.41 0.13 0.87 0.46 0.56 | 19.59 0.18 59.20 13.43 7.59 | |
| <total></total> | 100.00 | -5255 | 100.00 | | 100.00 | |

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ACTINOLITE - Zone Axis [2 0 -3] Neg# J1569 Job# 041188-103 JEOL 1200EX - Gatan Image







Title: 041198-103 SP 1203 Time: 12:05:03 PM Date: Tue, Mar 29 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis: 041188-103 SP 1203 Tue, Mar 29 2005

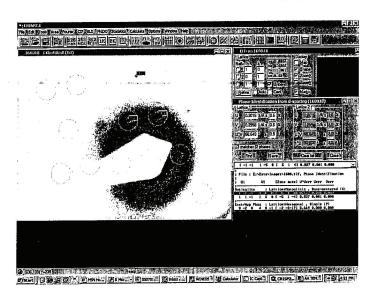
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 251.88

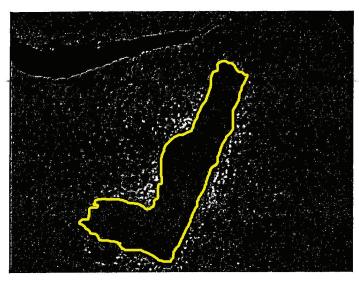
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|--------------------------------------|---|--------------------------------------|---|
| Mg Al Si Ca Fe | 9.88 0.15 22.49 4.77 1.15 | MgO Al203 SiO2 CaO Fe2O3 | 18.82 0.36 63.85 12.64 4.33 | 0.70 0.22 1.54 0.75 0.73 | 18.82 0.36 63.85 12.64 4.33 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

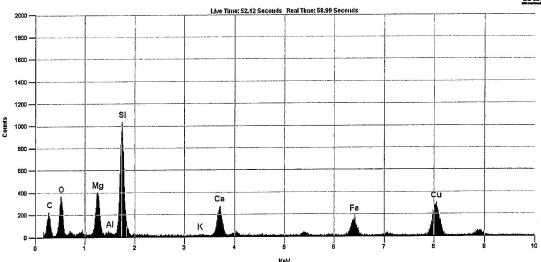
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ACTINOLITE - Zone Axis [5 1 4] Neg# J1600 Job# 050680-01 JEOL 1200EX - Gatan Image





WINEDS



Title: 050680-01 SP 1231 Time: 4:07:04 PM Date: Mon, Apr 18 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis:

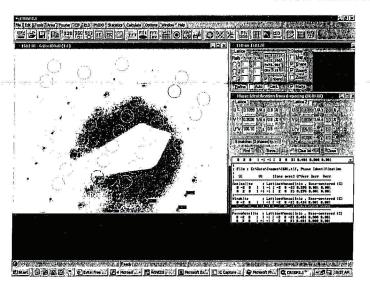
050680-01 SP 1231 Mon, Apr 18 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 167.80

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|---------------------------|---------------------------------------|------------------------------------|--|--------------------------------------|--|
| Mg Si K Ca Fe | 9.47 21.07 0.08 4.89 3.18 | MgO SiO2 K2O CaO Fe2O3 | 17.51 58.07 0.18 12.58 11.66 | 0.59 1.28 0.16 0.66 0.89 | 17.51 58.07 0.18 12.58 11.66 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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| 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 |

Title: 050680-01 SP 1232 Time: 10:30:54 AM Date: Tue, Apr 19 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 050680-01 SP 1232 Tue, Apr 19 2005

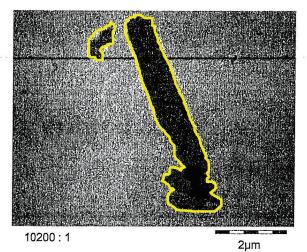
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 183.23 Correction: CLIFF LORIMER, Cycles: 1

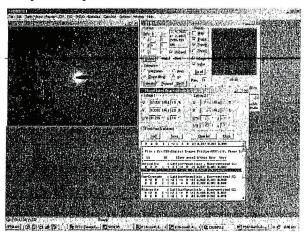
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------------|---|--|--|--|--|
| Na Mg Al Si Ca Fe | 2.57 4.38 1.76 23.50 1.19 4.04 | Na20 Mg0 Al203 Si02 Ca0 Fe203 | 3.71 8.23 4.17 65.75 3.12 15.02 | 0.42 0.49 0.31 1.50 0.39 1.05 | 3.71 8.23 4.17 65.75 3.12 15.02 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

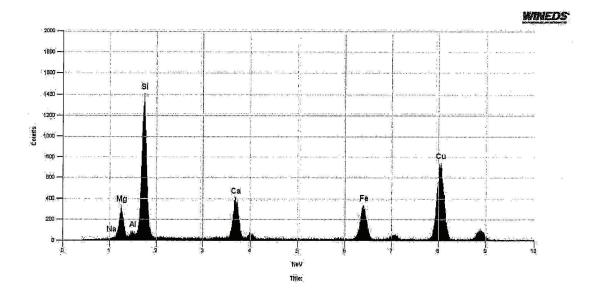
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ACTINOLITE

Neg#[337]; [Job#050680-02] [4/20/05] iTEM Image Zone Axis [2 0 1]







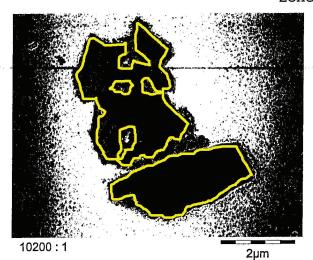
Quantitative Analysis Results - Standardless Analysis : 050680-02 EDS#16053 Wed, Apr 20 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 7.23

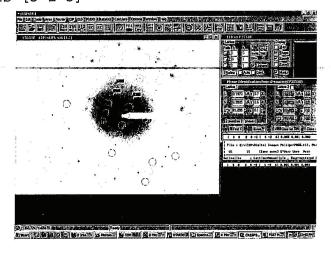
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 8.27 | MgO | 15.21 | 0.70 | 15.21 |
| Al | 0.29 | A1203 | 0.67 | 0.17 | 0.67 |
| Si | 21.43 | SiO2 | 58.74 | 1.34 | 58.74 |
| Ca | 4.14 | CaO | 10.58 | 0.53 | 10.58 |
| Fe | 4.06 | Fe203 | 14.79 | 0.89 | 14.79 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE

Neg#[355]; [Job#050680-04] [4/22/05] iTEM Image Zone Axis [3 1 3]





2500 SI CU CU THIC: 050080-04 SP 16070

Quantitative Analysis Results - Standardless Analysis : 050680-04 SP 16070 Fri, Apr 22 2005

EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 3.94

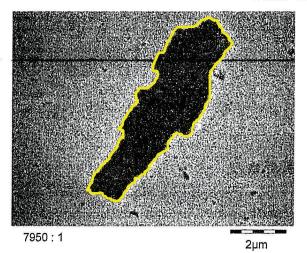
Correction: CLIFF LORIMER, Cycles: 1

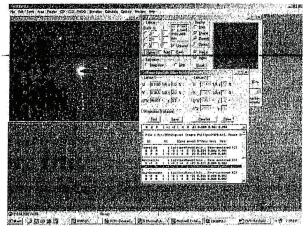
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|---------------|---------------|----------------|--------------|----------------|
| Mg | 7.65 | MgO | 13.94 | 0.56 | 13.94 |
| Al Si | 0.65 20.87 | Al203 SiO2 | 1.51 56.71 | 0.16 1.08 | 1.51 56.71 |
| Ca Fe | 4.81 4.34 | CaO Fe2O3 | 12.19 15.66 | 0.46 0.76 | 12.19 15.66 |
| <total></total> | 100.00 | 10205 | 100.00 | | 100.00 |

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ACTINOLITE

Neg#[329]; [Job#050680-06] [4/18/05] iTEM Image Zone Axis [2 0 1]





900 SIKa

700 Colka

900 Colka

100 Folka

100 Molka

1

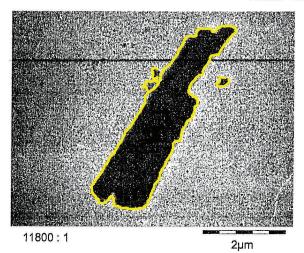
Quantitative Analysis Results - Standardless Analysis : 050680-01 EDS#16046 Mon, Apr 18 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 30.30

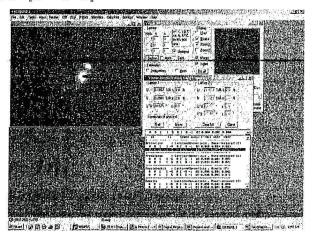
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg Si | 9.02 | MgO | 16.85 | 1.16 | 16.85 |
| Si | 21.97 | SiO2 | 61.17 | 1.94 | 61.17 |
| Ca | 4.95 | CaO | 12.87 | 0.72 | 12.87 |
| Fe | 2.46 | Fe203 | 9.10 | 0.86 | 9.10 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

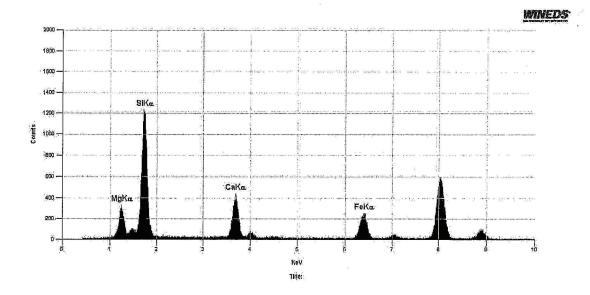
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ACTINOLITE

Neg#[330]; [Job#050680-07] [4/18/05] iTEM Image Zone Axis [5 -1 0]







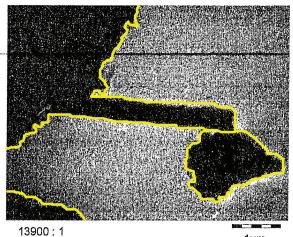
Quantitative Analysis Results - Standardless Analysis: 050680-07 EDS#16047 EDS Spectrum Mon, Apr 18 2005 EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 12.21

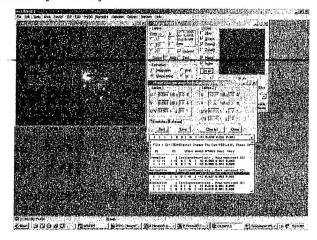
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg Si | 9.35 | MgO | 17.27 | 0.98 | 17.27 |
| Si | 21.12 | Si02 | 58.16 | 1.71 | 58.16 |
| Ca | 4.78 | CaO | 12.28 | 0.65 | 12.28 |
| Fe | 3.36 | Fe203 | 12.29 | 0.97 | 12.29 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE

Neg#[331]; [Job#050680-10] [4/18/05] iTEM Image Zone Axis [5 1 4]





7: 1

1600 - 1400 - 1200 - 1

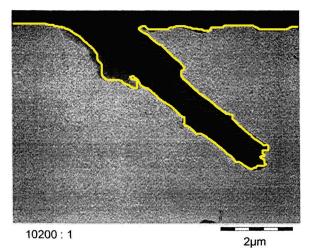
Quantitative Analysis Results - Standardless Analysis : 050680-10 EDS#16048 EDS Spectrum Mon, Apr 18 2005 EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 8.32

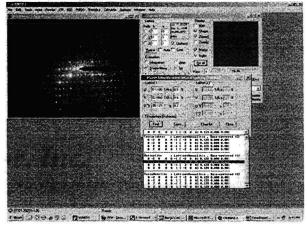
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|---------------|-------------|----------------|--------------|----------------|
| Mg Si | 9.78 | MgO | 18.44 | 1.11 | 18.44 |
| Ca | 22.11 4.61 | SiO2 CaO | 62.14 12.09 | 1.91 0.72 | 62.14 12.09 |
| Fe | 1.96 | Fe203 | 7.33 | 0.86 | 7.33 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE

Neg#[268]; [Job#041191-04] [4/5/05] iTEM Image Zone Axis [1 0 0]





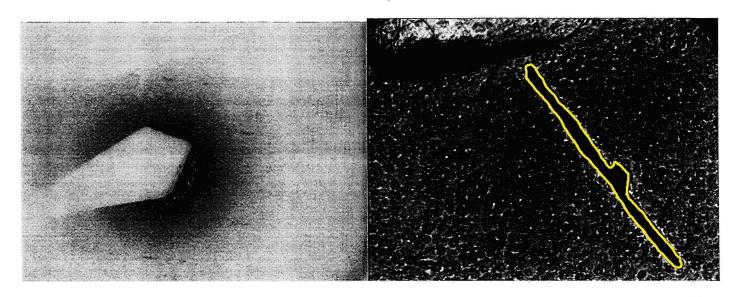
1900 - 19

Quantitative Analysis Results - Standardless Analysis:
041191-04 EDS#15977 EDS Spectrum Tue, Apr 05 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 22.60

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 9.45 | MgO | 17.71 | 1.08 | 17.71 |
| Mg Si | 22.02 | Si02 | 61.51 | 2.02 | 61.51 |
| Ca | 4.26 | CaO | 11.11 | 0.77 | 11.11 |
| Fe | 2.61 | Fe203 | 9.68 | 1.04 | 9.68 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

CHRYSOTILE

041191-05, Neg#J1577



Live Time: 134.16 Seconds Real Time: 137,99 Seconds 250 150 0 Cu Mg Si 50 Cr Fe 0 Cr Fe 100 Fe

Title: 041191-05-SP1211 Time: 1:45:38 PM Date: Tue, Apr 05 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

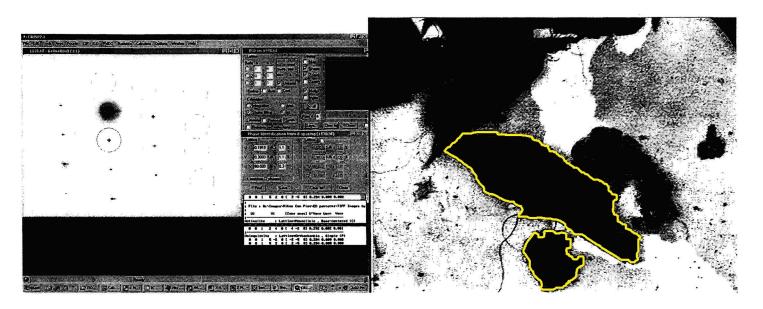
Quantitative Analysis Results - Standardless Analysis : 041191-05-SP1211 Tue, Apr 05 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 44.35

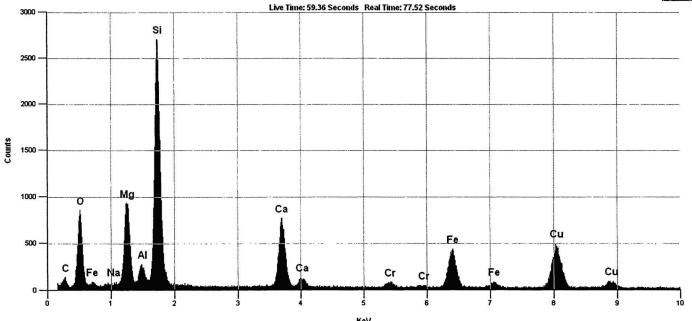
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|----------------|-------------|----------------|--------------|----------------|
| Mg Si | 16.80 22.13 | MgO SiO2 | 33.75 66.25 | 6.03 9.45 | 33.75 66.25 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [2 1 0] Zone Axis 041191-05, Neg#J1578



WINEDS.



Title: 041191-05-SP1212 Time: 2:35:29 PM Date: Tue, Apr 05 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-05-SP1212 Tue, Apr 05 2005

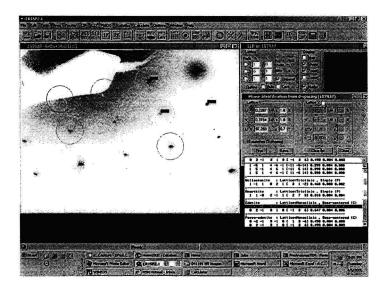
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 172.29

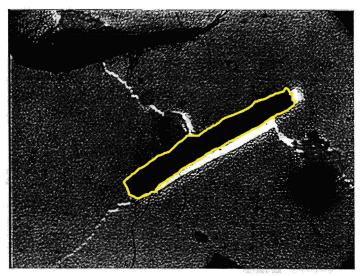
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------------|---|--|--|--------------------------------------|--|
| Na Mg Al Si Ca Fe | 0.16 8.02 0.73 21.14 5.40 3.07 | Na20 Mg0 Al203 Si02 Ca0 Fe203 | 0.22 14.80 1.71 58.17 13.87 11.23 | 0.16 0.33 0.15 0.83 0.43 | 0.22 14.80 1.71 58.17 13.87 11.23 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

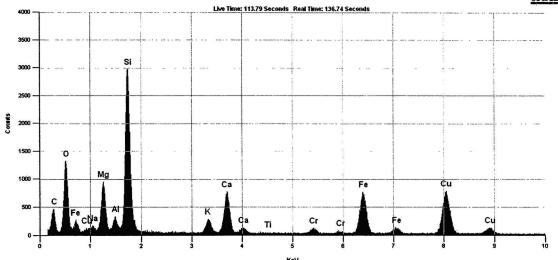
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EDENITE - Zone Axis [1 3 -6] Neg# J1579 Job# 041191-05 JEOL 1200EX - Gatan Image





WINEDS



Title: 041191-04 SP 1213 Time: 4:13:15 PM Date: Tue, Apr 05 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-04 SP 1213 Tue, Apr 05 2005

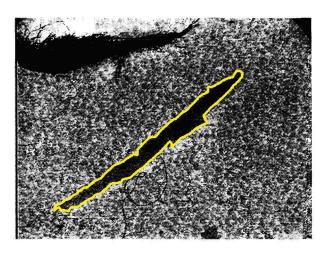
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 171.57 Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|---------------------------------|---|--|---|--|---|
| Na Mg Al Si K Ca | 0.79 6.41 0.66 20.40 1.23 4.54 | Na20 Mg0 Al203 Si02 K20 Ca0 | 1.09 11.51 1.51 54.61 2.59 11.35 | 0.17 0.28 0.13 0.72 0.17 0.36 | 1.09 11.51 1.51 54.61 2.59 11.35 |
| Fe | 4.88 | Fe203 | 17.34 | 0.62 | 17.34 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

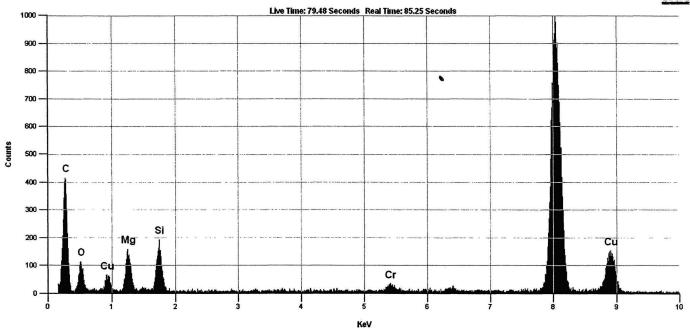
CHRYSOTILE

041191-06, Neg#J1581

Diffraction Image Unavailable



WINEDS



Title: 041191-06-SP1215 Time: 2:55:06 PM Date: Wed, Apr 06 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-06-SP1215 Wed, Apr 06 2005

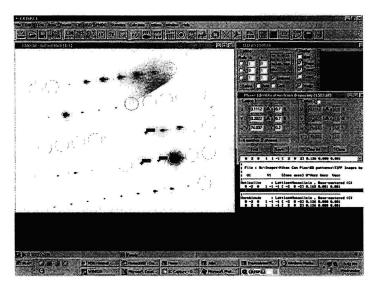
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 154.79

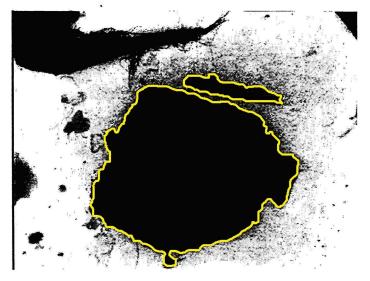
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 18.49 | MgO | 36.40 | 2.01 | 36.40 |
| Si | 19.89 | SiO2 | 58.38 | 3.36 | 58.38 |
| Fe | 1.34 | Fe203 | 5.21 | 2.28 | 5.21 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE - Zone Axis [1 0 1] Neg# J1582 Job# 041191-06 JEOL 1200EX - Gatan Image





2000 Live Time: 23.45 Seconds Real Time: 30.19 Seconds 1600 - 1400 - 1200 - SI 1000 - Mg 200 C AI AI K Ca Cu Time: 23.45 Seconds Real Time: 30.19 Seconds

Title: 041191-06 SP 1216 Time: 3:39:58 PM Date: Wed, Apr 06 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-06 SP 1216 Wed, Apr 06 2005
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 133.36

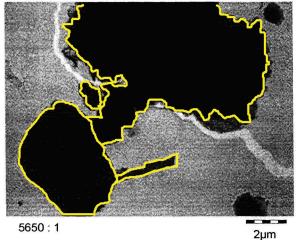
Correction: CLIFF LORIMER, Cycles: 1

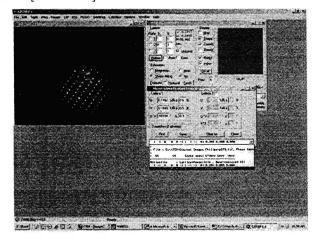
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------------|---|--|---|--------------------------------------|---|
| Na Mg Al Si Ca Fe | 0.32 9.04 0.75 21.05 5.16 2.43 | Na20 Mg0 Al203 Si02 Ca0 Fe203 | 0.46 16.86 1.76 58.53 13.40 8.98 | 0.29 0.59 0.24 1.39 0.70 | 0.46 16.86 1.76 58.53 13.40 8.98 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

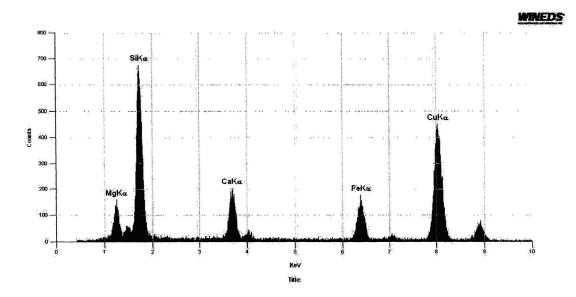
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ACTINOLITE

Neg#[273]; [Job#041191-24][4/7/05] iTEM Image Zone Axis [1 -1 0]



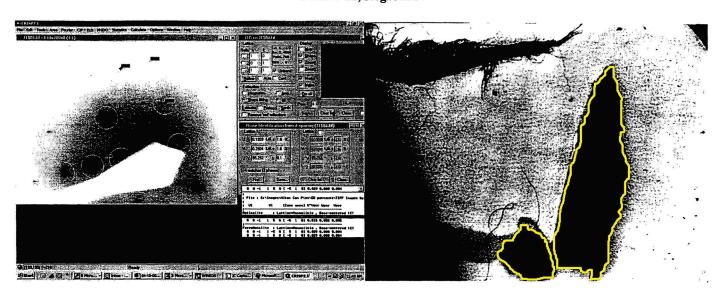


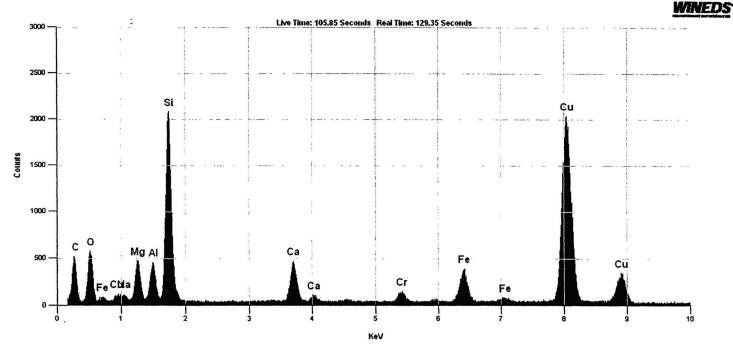


Quantitative Analysis Results - Standardless Analysis : 041191-24 EDS#15984 Thu, Apr 07 2005 EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 7.25

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 7.81 | MgO | 14.40 | 1.28 | 14.40 |
| Si | 22.21 | SiO2 | 61.08 | 2.36 | 61.08 |
| Ca | 4.04 | CaO | 10.38 | 0.87 | 10.38 |
| Fe | 3.87 | Fe203 | 14.14 | 1.46 | 14.14 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [5 1 0] Zone Axis 041191-26, Neg#J1584





Title: 041191-26-SP1218 Time: 10:57:51 AM Date: Tinu, Apr 07 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

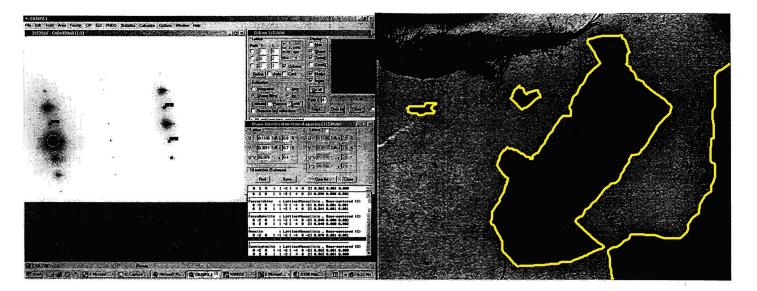
Quantitative Analysis Results - Standardless Analysis : 041191-26-SP1218 Thu, Apr 07 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 114.87

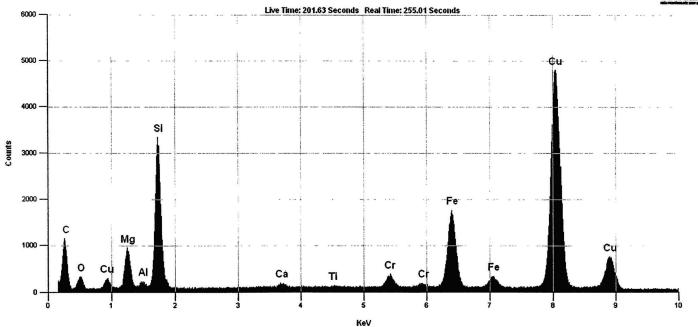
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|
| Na Mg Al Si | 0.74 5.09 2.09 22.24 | Na20 Mg0 Al203 Si02 | 1.06 9.44 4.90 61.46 | 0.24 0.35 0.23 1.00 | 1.06 9.44 4.90 61.46 |
| Ca | 4.14 | CaO | 10.67 | 0.48 | 10.67 |
| Fe | 3.40 | Fe203 | 12.47 | 0.75 | 12.47 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

AMOSITE [2 0 1] 041191-29, Neg#J1539



WINEDS



Title: 041191-29-SP1178 Time: 8:90:17 PM Date: Sat, Mar 19 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

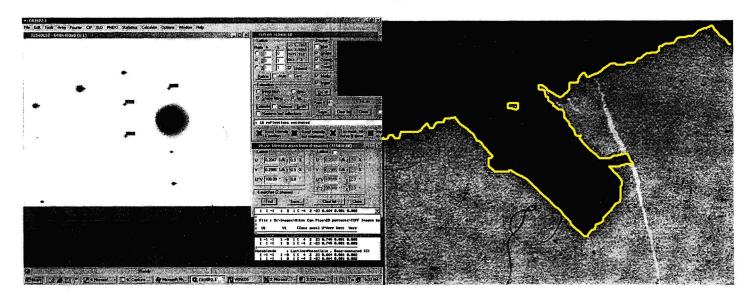
Quantitative Analysis Results - Standardless Analysis : 041191-29-SP1178 Sat, Mar 19 2005

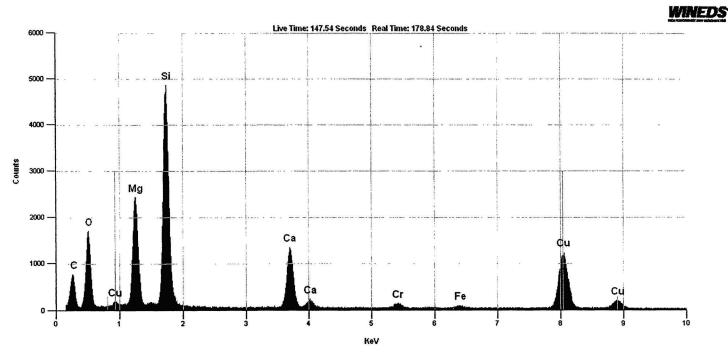
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 56.61

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------------|--------|----------|---------|----------|-------|
| Mg | 5.66 | MgO | 9.89 | 0.26 | 9.89 |
| Al | 0.31 | Al2O3 | 0.69 | 0.10 | 0.69 |
| Si | 20.76 | SiO2 | 54.14 | 0.68 | 54.14 |
| Ca | 0.44 | CaO | 1.06 | 0.20 | 1.06 |
| Ti | 0.12 | TiO2 | | 0.27 | 0.40 |
| Fe <total></total> | 9.76 | Fe203 | 33.80 | 0.83 | 33.80 |

TREMOLITE [2 1 1] 041191-29, Neg#J1540





Title: 041191-29-SP1179 Time: 8:54:58 PM Date: Sat, Mar 19 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-29-SP1179 Sat, Mar 19 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 277.79

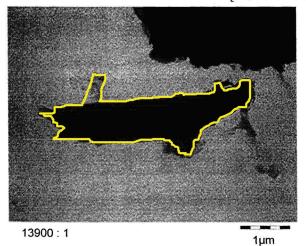
Correction: CLIFF LORIMER, Cycles: 1

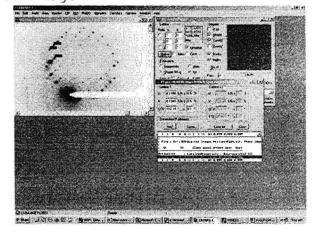
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|---------------|-------------|----------------|--------------|----------------|
| Mg | 11.67 | MgO | 22.43 | 0.34 | 22.43 |
| Si Ca | 21.85 5.38 | SiO2 CaO | 62.63 14.38 | 0.68 0.33 | 62.63 14.38 |
| Fe | 0.15 | Fe203 | 0.55 | 0.18 | 0.55 |
| m - t - 1 | 100.00 | | 100.00 | | 100.00 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE

Neg#[229]; [Job#041191-33] [03-24-05] iTEM Image





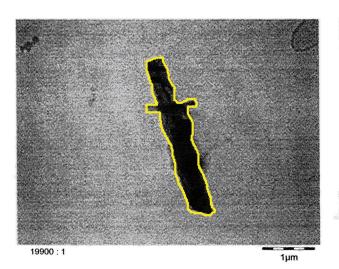
\$60 - \$60 -

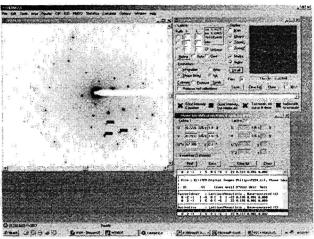
Quantitative Analysis Results - Standardless Analysis : 041191-33 EDS#15925 Thu, Mar 24 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 60.42

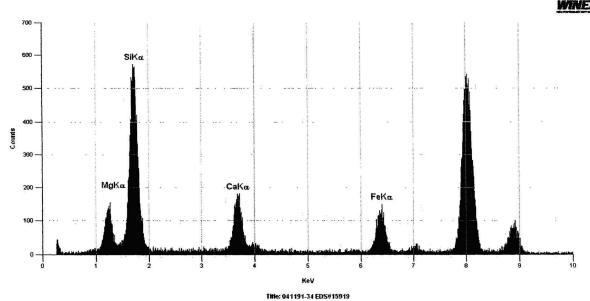
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 6.58 | MgO | 11.73 | 0.85 | 11.73 |
| Si | 20.63 | SiO2 | 54.78 | 1.45 | 54.78 |
| Ca | 5.01 | CaO | 12.42 | 0.54 | 12.42 |
| Fe | 5.97 | Fe203 | 21.07 | 0.94 | 21.07 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE Neg#P224; 041191-34 3/21/05 iTEM Image







Quantitative Analysis Results - Standardless Analysis:

041191-34 EDS#15920 Mon, Mar 21 2005

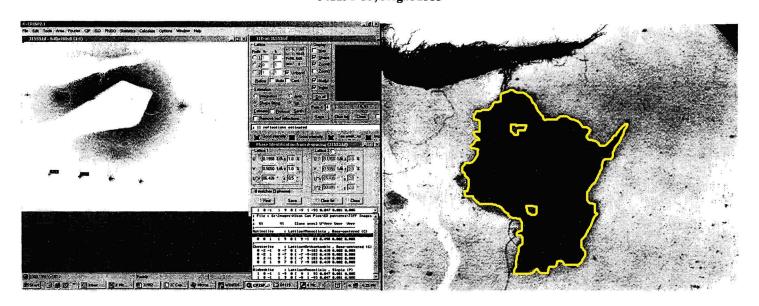
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 96.90

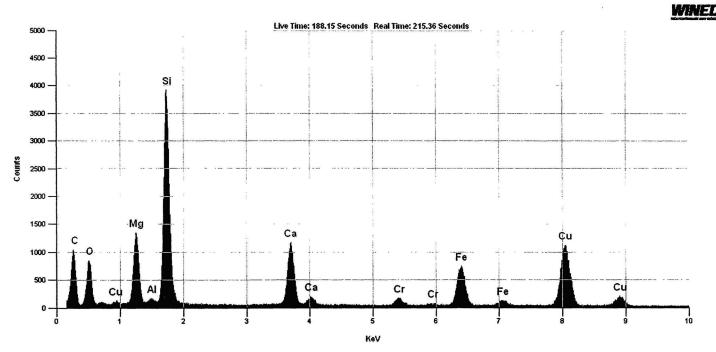
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|---------------|-------------|----------------|--------------|----------------|
| Mg Si | 9.39 21.11 | MgO SiO2 | 17.33 58.06 | 1.21 1.98 | 17.33 58.06 |
| Ca | 4.33 | CaO | 11.12 | 0.68 | 11.12 |
| Fe | 3.69 | Fe203 | 13.50 | 1.02 | 13.50 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

7619 6th Avenue NW, Seattle, WA 98117 www.labcor.net

Phone: (206) 781-0155 (Office) Fax: (206) 789-8424 (Fax) E-mail: mail@labcor.net

ACTINOLITE [9 1 0] 041191-35, Neg#J1553





Title: 041191-35-SP1190 Time: 4:11:05 PM Date: Mon, Mar 21 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-35-SP1190 Mon, Mar 21 2005

EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 183.73

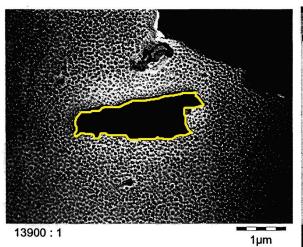
Correction: CLIFF LORIMER, Cycles: 1

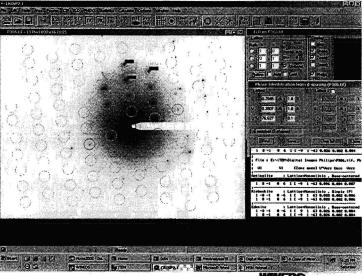
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 7.36 | MgO | 13.41 | 0.27 | 13.41 |
| Al | 0.14 | A1203 | 0.32 | 0.09 | 0.32 |
| Si | 21.23 | SiO2 | 57.67 | 0.65 | 57.67 |
| Ca | 5.87 | CaO | 14.89 | 0.36 | 14.89 |
| Fe | 3.80 | Fe203 | 13.70 | 0.49 | 13.70 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

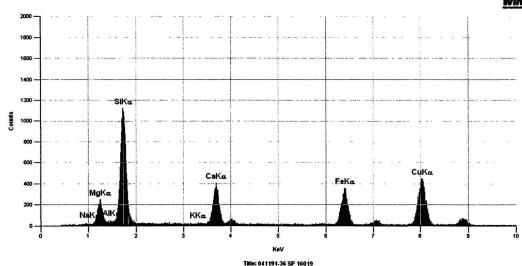
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ACTINOLITE

Neg#[P306]; [Job#041191-36] [4/9/05] iTEM Image Zone Axis [9 1 6]







Quantitative Analysis Results - Standardless Analysis :

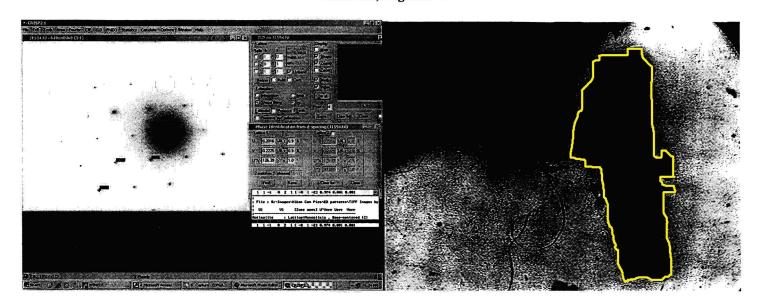
041191-36 SP 16019 Sat, Apr 09 2005

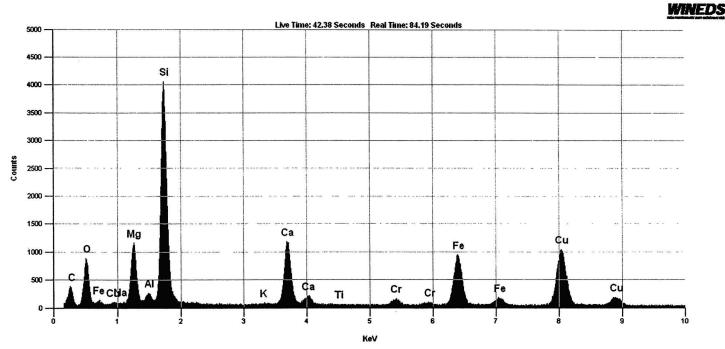
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 8.91

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 7.39 | Mg0 | 13.39 | 0.79 | 13.39 |
| Si | 21.27 | SiO2 | 57.47 | 1.56 | 57.47 |
| Ca | 4.65 | CaO | 11.74 | 0.66 | 11.74 |
| Fe | 4.85 | Fe203 | 17.40 | 1.16 | 17.40 |
| | | | | | |
| <total></total> | 100 00 | | 100 00 | | 100 00 |

ACTINOLITE [3 1 0] Zone Axis 041191-37, Neg#J1594





Title: 041191-37-SP1224 Time: 4:40:05 PM Date: Sat, Apr 09 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-37-SP1224 Sat, Apr 09 2005

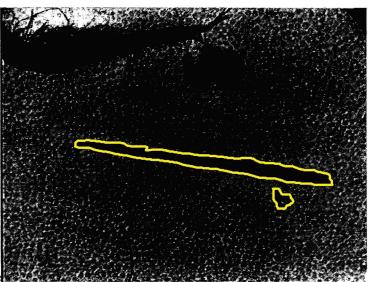
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 89.99

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------|----------|---------|----------|--------|
| Mg | 6.24 | MgO | 11.27 | 0.24 | 11.27 |
| Al | 0.35 | Al203 | 0.80 | 0.10 | 0.80 |
| Si | 21.28 | SiO2 | 57.28 | 0.66 | 57.28 |
| Ca | 5.66 | CaO | 14.21 | 0.36 | 14.21 |
| Fe | 4.60 | Fe203 | 16.44 | 0.56 | 16.44 |
| | | | | | |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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CHRYSOTILE 041191-37, Neg#J1596



No Diffraction Image Available

Title: 041191-37-SP1225 Time: 7:31:02 PM Date: Sat, Apr 09 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-37-SP1225 Sat, Apr 09 2005

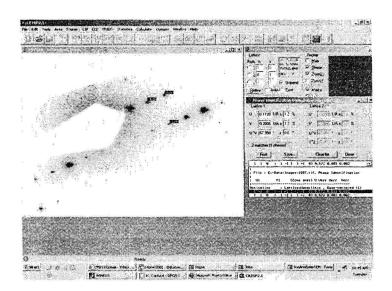
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 280.05

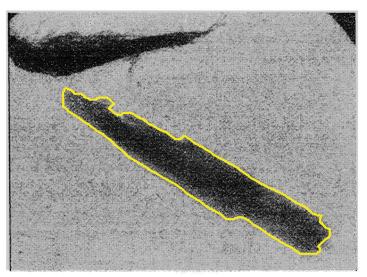
Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|------------------------|----------------------|------------------------|----------------------|------------------------|
| Mg Si Fe | 21.25 18.39 0.94 | Mg0 SiO2 Fe2O3 | 42.06 54.26 3.68 | 2.17 3.25 1.95 | 42.06 54.26 3.68 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

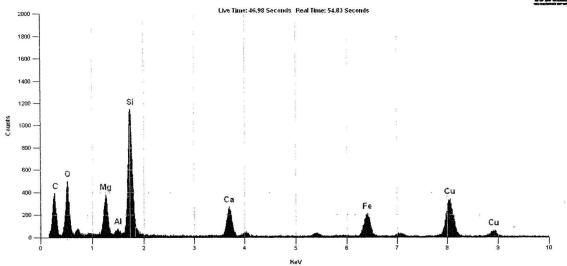
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ACTINOLITE - Zone Axis [1 1 0] Neg# J1597 Job# 041191-40 JEOL 1200EX - Gatan Image





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Title: 04119 I-40 SP 1227 Time: 10:32:01 AM Date: Tue. Apr 12 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis:

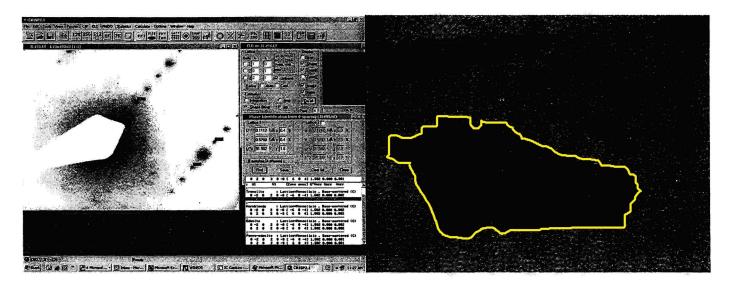
041191-40 SP 1227 Tue, Apr 12 2005

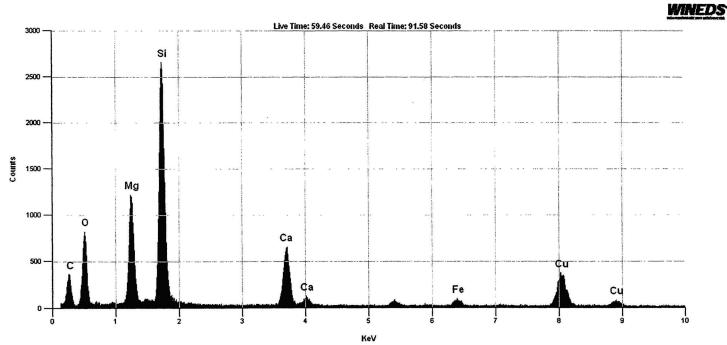
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 216.94

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|--------------------------------------|--|--------------------------------------|--|
| Mg Al Si Ca Fe | 7.54 0.25 21.90 4.54 3.81 | MgO Al2O3 SiO2 CaO Fe2O3 | 13.86 0.58 60.04 11.62 13.89 | 0.52 0.19 1.27 0.60 0.95 | 13.86 0.58 60.04 11.62 13.89 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

TREMOLITE [3 0 2] 041191-49, Neg#J1495





Title: 041191-49- SP1138 Time: 10:59:04 AM Date: Thu, Mar 10 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis :

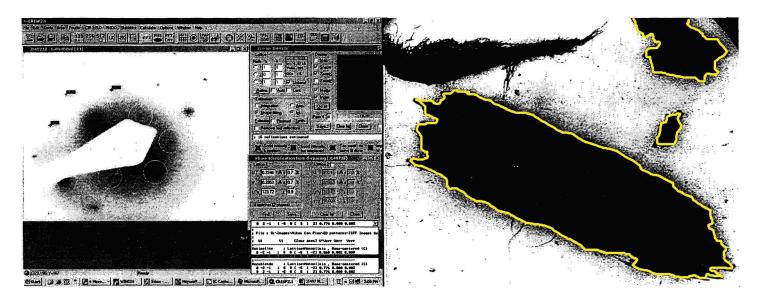
041191-49- SP1138 Thu, Mar 10 2005

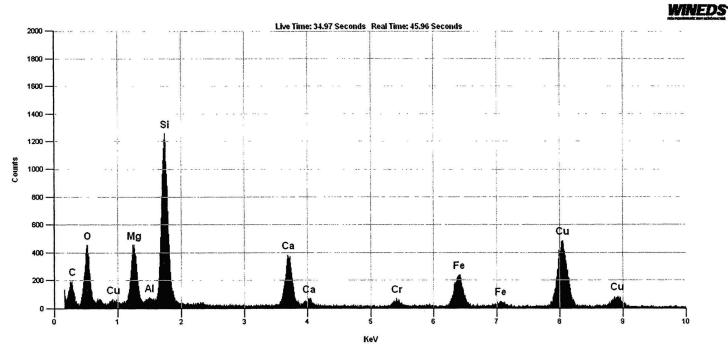
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 157.79

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|----------------|-------------|----------------|--------------|----------------|
| Mg Si | 10.94 22.37 | MgO SiO2 | 21.01 64.03 | 0.44 0.92 | 21.01 64.03 |
| Ca | 4.81 | CaO | 12.85 | 0.45 | 12.85 |
| Fe | 0.56 | Fe203 | 2.11 | 0.31 | 2.11 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [5 1 2] 041191-51, Neg#J1497





Title: 041191-51-SP1140 Time: 1:41:18 PM Date: Fri, Mar 11 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

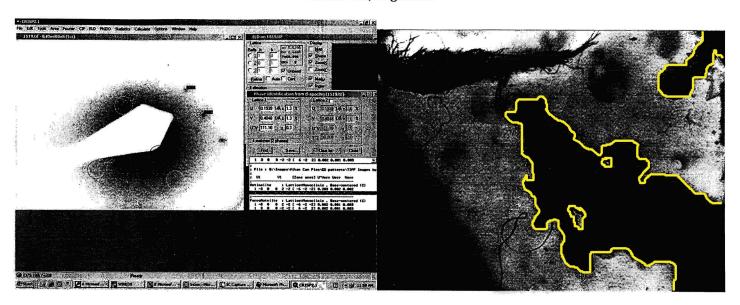
Quantitative Analysis Results - Standardless Analysis : 041191-51-SP1140 Fri, Mar 11 2005

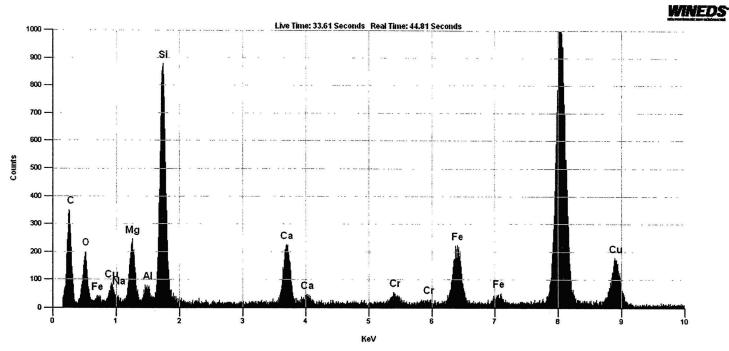
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 126.21

Correction: CLIFF LORIMER, Cycles: 1

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------------|---------------------------------------|--------------------------------------|--|--------------------------------------|--|
| Mg Al Si Ca Fe | 8.35 0.16 20.83 5.73 3.58 | MgO Al2O3 SiO2 CaO Fe2O3 | 15.27 0.38 56.80 14.59 12.96 | 0.56 0.20 1.31 0.70 0.98 | 15.27 0.38 56.80 14.59 12.96 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

ACTINOLITE [4 1 1] 041191-112, Neg#J1519





Title: 041191-112-SP1163 Time: 11:47:09 AM Date: Tini, Mar 17 2005 Accelerating Voltage: 100 KV Take Off Angle: 35 Degrees

Quantitative Analysis Results - Standardless Analysis : 041191-112-SP1163 Thu, Mar 17 2005

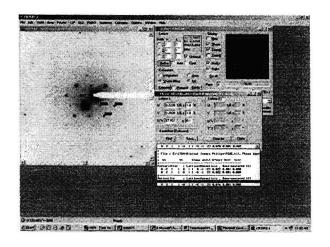
EDS Parameters - 100KV, Takeoff Angle: 35.0°, Fit Index: 123.77 Correction: CLIFF LORIMER, Cycles: 1

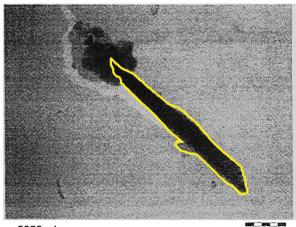
| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|-----------------|--------------|--------------|---------------|--------------|---------------|
| Na Ma | 0.49 | Na20 | 0.68 | 0.34 | 0.68 |
| Mg Al | 5.61 0.62 | Mg0 Al203 | 10.17 1.43 | 0.50 0.23 | 10.17 1.43 |
| Si | 21.65 | SiO2 | 58.53 | 1.42 | 58.53 |
| Ca | 5.01 | CaO | 12.64 | 0.73 | 12.64 |
| Fe | 4.61 | Fe203 | 16.56 | 1.22 | 16.56 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |

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ACTINOLITE

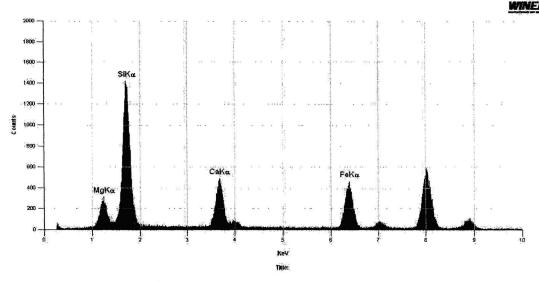
Neg# 225; Job# 141191-34 3-22-05 iTEM Image





5650:1

2µm



Quantitative Analysis Results - Standardless Analysis : 041191-34; EDS#15921 Tue, Mar 22 2005
EDS Parameters - 100KV, Takeoff Angle: 38.0°, Fit Index: 109.99

| Element | Atoms% | Compound | Weight% | Error(±) | Norm% |
|----------------------|-------------------------------|-----------------------------|----------------------------------|------------------------------|----------------------------------|
| Mg Si Ca Fe | 7.12 21.01 4.88 5.19 | MgO SiO2 CaO Fe2O3 | 12.83 56.42 12.23 18.52 | 0.72 1.26 0.45 0.75 | 12.83 56.42 12.23 18.52 |
| <total></total> | 100.00 | | 100.00 | | 100.00 |